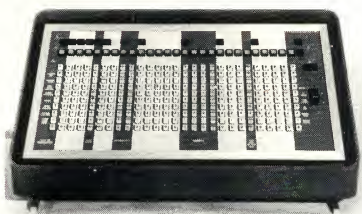


DIGITAL ELECTRONICS , INC.



TPU-28

REMOTE DATA COLLECTION DEVICE

PURPOSE & OPERATION

The TPU-28 has been designed as a remote Data Acquisition Device to capture Data in either a punched paper tape or punched cards for further processing. The 28 Bank Keyboard is unique in design and can also be used separately as a direct input to other Data Processing Equipment. The Keyboard design and automatic internal controlling programming allows a complete message to be constructed on the Keyboard before any transmission occurs. The Transmit Key is not live until a supervision type of circuit is satisfied.

VERSATILITY

This type of equipment lends itself well to machine readable Data Origination in areas such as accounting firms, service bureaus, teletype or paper tape oriented office automation systems, Engineering or test Data creation for Computer Input, Numerical machine tool tape creation and point of sale capture of catalog order data.

Because of the ease of programming changes, the TPU-28 can be used in more than one area of a company's business, ie. order entry, stock control, payroll, etc., simply by switching out the internal programming and switching in another program complete with overlay mats for the Keyboard, which are engraved to suit the different jobs, this program control creates an extremely versatile data capturing device.

Call or write for
additional information. **NEW ADDRESS**
2130 JEFFERSON
HA. 1-3101

Digital Electronics, Inc.

5934 PROSPECT
KANSAS CITY, MISSOURI
AREACODE 816 - EMERSON 3-6808

TECHNICAL SPECIFICATIONS

SIZE - L 28" x W 12" x H 10"

PUNCHUNIT - L 17" x W 20" x H 10"

RECORD TIME - 1.5 Sec.

POWER REQUIREMENTS - 100-130 VAC
60 cycles (50 cycles available)

CONTROLS -

28 Banks of i/o each

28 Solenoid operated lighted reset buttons

11 Program control lighted buttons (lighted and extinguished under Program Control)

Power On-Off

Green OK to Record Light

Record Bar

1 Reset Button to reset entire Keyboard

1 Program disable switch

Tape supply indicator light

Tape feed switch

RELIABILITY

Solid state circuits are used throughout the TPU-28.

The unit has been constructed modularly on printed circuit boards for ease of maintenance and extreme reliability. Circuit groups have been combined on individual boards, ie., power supply, output code matrix, logic and program control.

The entire Keyboard has been hinged and tilts up and forward for easy accessibility. All components used are of the highest quality consistent with the variety of environments in which the TPU-28 is expected to operate.

OPTIONAL FEATURES

Tape Codes other than 8 level

Transaction Counters

Tape Punch Parity check

Constant Entry Dials - (external keyboard) used to set up information in tape output that remains constant for succeeding transmissions.

Special Program Control Circuitry (1 program unit supplied as standard)

Smaller or larger Keyboard size.